Application No.: 10/590,504

Attorney Docket No. 09812.0568-00000

**AMENDMENTS TO THE CLAIMS:** 

This listing of claims will replace all prior versions and listings of claims in the

application:

1. (Withdrawn) A data recording method of performing data recording while

properly using at least two respective divided recording areas on an optical recording

medium in accordance with kind of data to be recorded,

wherein in the case where it is detected that recording capacity of one recording

area has become equal to zero, the area having a remaining capacity is assigned to the

area where the remaining capacity has become equal to zero to thereby extend the one

area to allow occupation ratio of the respective areas to be variable to separately record

data different in kind.

2. (Withdrawn) The data recording method as set forth in claim 1,

wherein boundary pointer indicating boundary between the respective divided

two recording areas on the optical recording medium is recorded into management area

except for the recording areas to extend the area by change of the boundary pointer.

3. (Withdrawn) The data recording method as set forth in claim 1,

wherein in the case where mirror surfaces exist within a predetermined area from

the innermost circumference and within a predetermined area from the outermost

circumference of the optical recording medium in the process of initialization of the

-2-

optical recording medium, data recording onto the optical recording medium and takingout of the optical recording medium, areas corresponding thereto are caused to undergo padding.

4. (Withdrawn) A data recording apparatus adapted for performing data recording while properly using at least two respective divided recording areas on an optical recording medium in accordance with kind of data to be recorded,

the data recording apparatus comprising area management means for performing management of remaining capacities of the respective recording areas, whereby in the case where it is detected that remaining capacity of one recording area has become equal to zero, the area having a remaining capacity is assigned to the area where the remaining capacity has become equal to zero to thereby extend the one area to allow occupation ratio of the respective areas to be variable,

thus to perform management of remaining capacities of the respective recording areas by the area management means to perform data recording while properly using the respective recording areas in accordance with kind of data to be recorded.

5. (Withdrawn) The data recording apparatus as set forth in claim 4, wherein the area management means serves to record boundary pointer indicating boundary between the respective divided two recording areas on the optical recording medium into management area except for the recording areas to extend the area by change of the boundary pointer.

6. (Withdrawn) The data recording apparatus as set forth in claim 4,

wherein in the case where mirror surfaces exist within a predetermined area from the outermost circumference and within a predetermined area from the outermost circumference of the optical recording medium in the process of initialization of the optical recording medium, data recording onto the optical recording medium and taking-out of the optical recording medium, areas corresponding thereto are caused to undergo padding.

7. (Currently Amended) An image pick-up apparatus comprising recording means for recording, onto an optical recording medium, a moving picture video signal and a still picture video signal which are obtained by image pick-up means,

the recording means comprising area management means for performing management of remaining capacities of at least <u>a first recording area for recording the moving picture video signal and a second recording area for recording the still picture video signal two respective divided recording areas on the optical recording medium, whereby in the case where it is detected that remaining capacity of one <u>of the first and second</u> recording [[area]] <u>areas</u> has become equal to zero, the area management means serves to:</u>

compare the remaining capacity of the other one of the first and second recording areas with a predetermined extension size, and

if the remaining capacity of the other one of the first and second recording areas is larger than the predetermined extension size, assign [[the]] an area having a

recording areas having a remaining capacity to the one of the first and second recording areas [[area]] where the remaining capacity has become equal to zero to thereby extend the one [[area]] of the first and second recording areas to allow occupation ratio of the respective first and second recording areas to be variable,

thus to perform management of remaining capacities of the respective <u>first and second</u> recording areas by the area management means to record, by the recording means, the moving picture video signal and the still picture video signal which are obtained by the image pick-up means into different recording areas on the optical recording medium.

8. (Currently Amended) The image pick-up apparatus as set forth in claim 7, wherein the area management means serves to:

record <u>a</u> boundary pointer indicating <u>a</u> boundary between the <del>respective</del> divided two <u>first and second</u> recording areas on the optical recording medium into <u>a</u> management area except for <u>not overlapping with</u> the recording areas [[to]], <u>and</u>
extend the [[area]] <u>one of the first and second recording areas</u> by <del>change</del> of <u>changing</u> the boundary pointer.

9. (Currently Amended) The image pick-up apparatus as set forth in claim 7, wherein the area management means is operative so that in the case where mirror surfaces exist within a predetermined area from the innermost circumference and within a predetermined area from the outermost circumference of the optical recording

medium in the process of initialization of the optical recording medium, data recording onto the optical recording medium and taking-out of the optical recording medium, areas corresponding thereto the predetermined areas are caused to undergo padding.